

CLAY CROSS
URBAN DISTRICT COUNCIL

ANNUAL
REPORT

of the

MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1970

BY

DAVID P. ADAMS,
M.B., Ch.B., D.P.H.

Medical Officer of Health

C L A Y C R O S S
U R B A N D I S T R I C T C O U N C I L

A N N U A L
R E P O R T

of the

M E D I C A L O F F I C E R O F H E A L T H
F O R T H E Y E A R 1970

BY

DAVID P. ADAMS,
M.B., Ch.B., D.P.H.

Medical Officer of Health

CLAY CROSS URBAN DISTRICT COUNCIL

Chairman : Councillor A. Wellon

Public Health and Housing Committee

Chairman : Councillor C. Bunting

Councillors : T. W. Asher
G. H. Goodfellow
H. Houseley
G. Percival
D. E. Skinner
G. Smith
A. Wellon
Mrs. T. Wholey (Vice-Chairman)

PUBLIC HEALTH STAFF

Medical Officer of Health : D. P. Adams, M.B., Ch.B., D.P.H.
Public Health Inspector : A. F. Green, Cert. S.I.B.
Secretary : Miss J. M. Swain

ANNUAL REPORT FOR THE YEAR 1970

Mr. Chairman, Lady and Gentlemen,

I herewith present my Annual Report for 1970.

The estimated population figure is given as 9,890 as against 9,880 for 1969.

The birth rate per 1,000 population shows an increase to 16.00 from 12.95 for 1969.

The death rate per 1,000 living has risen slightly to 12.60 from 12.0^{1/2} for 1969.

There were 125 deaths as compared with 119 for 1969. Six deaths, four male and two female, were due to cancer of the lung, roughly a quarter of all cancer deaths. This is in line with experience elsewhere.

There were no maternal deaths during the year, and six infants have died under the age of one year from a total of 158 births.

1970 was Conservation Year, and considerable public interest was focused on the problems of pollution, and the need to create a satisfactory environment, both at work and at home. Clay Cross has been active and has done much to improve housing conditions, and bring industry to the town.

The year saw the retirement of the Surveyor, Mr. J. Rysdale, on grounds of ill health. He had served the Council for more than forty years, and takes into retirement the best wishes of all his colleagues.

I would like to thank the members of the Council and my colleagues for the help and co-operation I have received during the year, and with the preparation of this report.

DAVID P. ADAMS

Medical Officer of Health

STATISTICS

Area of District	..	..	..	..	..	..	..	..	..	..	2,023	acres
Population (Registrar General's Figure)	..	..	..	..	..	..	..	..	..	..	9,890	
Number of Inhabited Houses and Caravans in the District	..	..	..	..	..	..	..	..	..	..	3,463	
Rateable Value at 1st April, 1970	..	..	..	..	..	..	..	..	..	..	£304,356	
Estimated product of Penny Rate for the Year 1970/71	..	..	..	..	..	..	..	..	..	..	£1,355.41	

LIVE BIRTHS

											M.	F.
Total	..	..	..	..	..	..	..	..	..	..	78	80
Legitimate	..	..	..	..	..	..	..	..	..	..	72	75
Illegitimate	..	..	..	..	..	..	..	..	..	..	6	5
Rate per 1,000 Population	..	..	..	..	..	..	..	..	..	..	16.00	
Illegitimate Live Births per cent of Total Live Births	..	..	..	..	..	..	..	..	..	..	7.00	

STILL BIRTHS

Total	..	..	..	..	..	..	..	..	..	..	1	-
Legitimate	..	..	..	..	..	..	..	..	..	..	1	-
Illegitimate	..	..	..	..	..	..	..	..	..	..	-	-
Rate per 1,000 Total Live and Still Births	..	..	..	..	..	..	..	..	..	..	6.00	

<u>TOTAL LIVE AND STILL BIRTHS</u>	79	80
------------------------------------	----	----	----	----	----	----	----	----	----	----	----	----

INFANT DEATHS UNDER ONE YEAR

Total	..	..	..	..	..	..	..	..	..	..	3	3
Legitimate	..	..	..	..	..	..	..	..	..	..	3	2
Illegitimate	..	..	..	..	..	..	..	..	..	..	-	1

INFANT MORTALITY RATES

Total Infant Deaths per 1,000 Total Live Births	..	..	..	..	..	..	..	..	..	..	38.00	
Legitimate Infant Deaths per 1,000 Legitimate Live Births	..	..	..	..	..	..	..	..	..	..	34.00	
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	..	..	..	..	..	..	..	..	..	..	91.00	

NEO-NATAL MORTALITY RATE

(Deaths under four weeks per 1,000 Total Live Births) 19.00

EARLY NEO-NATAL MORTALITY RATE

(Deaths under one week per 1,000 Total Live Births) 19.00

PERINATAL MORTALITY RATE

(Stillbirths and Deaths under one week combined per 1,000 Total Live and Stillbirths) 25.00

MATERNAL MORTALITY RATE

(including abortion) per 1,000 Live and Still -

DEATH RATE PER 1,000 LIVING 12.60DEATHS FROM MEASLES ALL AGES -DEATHS FROM WHOOPING COUGH ALL AGES -CAUSES OF DEATHin the Clay Cross District during 1970

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Malignant Neoplasm, Stomach	1	-	1
Malignant Neoplasm, Intestine	2	3	5
Malignant Neoplasm, Lung, Bronchus	4	2	6
Malignant Neoplasm, Breast	-	2	2
Malignant Neoplasm, Uterus	-	2	2
Malignant Neoplasm, Prostate	1	-	1
Leukaemia	1	-	1
Other Malignant Neoplasms	1	4	5
Diabetes Mellitus	1	-	1
Anaemias	-	1	1
Meningitis	-	1	1
Other Diseases of Nervous System	-	1	1
Chronic Rheumatic Heart Disease	2	1	3
Hypertensive Disease	1	1	2
Ischaemic Heart Disease	21	10	31
Other forms of Heart Disease	2	5	7
Cerebrovascular Disease	13	7	20
Other diseases of Circulatory System	3	2	5
Influenza	2	2	4
Pneumonia	6	1	7
Bronchitis and Emphysema	3	2	5
Other disease of Respiratory System	1	1	2
Intestinal Obstruction and Hernia	1	1	2
Other Diseases of Digestive System	1	-	1
Diseases of Musculo-skeletal System	-	2	2
Birth injury, difficult labour, etc.	1	1	2
Symptoms and ill defined conditions	1	-	1
Motor Vehicle Accidents	1	-	1
All Other Accidents	1	-	1
Suicide and Self-Inflicted Injuries	2	-	2
TOTAL ALL CASES 73	52	125	

DEATHS IN AGE GROUPS - 1970

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Under 4 weeks	2	1	3
4 weeks and under 1 year	1	2	3
1 - 4 years	-	-	-
5 - 14 years	-	-	-
15 - 24 years	2	-	2
25 - 34 years	2	-	2
35 - 44 years	2	3	5
45 - 54 years	6	3	9
55 - 64 years	12	8	20
65 - 74 years	21	10	31
75 years and over	25	25	50
TOTAL	73	52	125

INFECTIOUS DISEASES

In the Clay Cross District during 1970

Diseases	Total number notified	Cases admitted to hospital
Measles	200	-
Dysentery	-	-
Scarlet Fever	4	-
Whooping Cough	2	-
Infective Jaundice	2	-
Tuberculosis	-	-
Diphtheria	-	-
Tetanus	-	-
Acute Meningitis	-	-
Acute Encephalitis	-	-
Ophthalmia Neonatorum	-	-
Acute Poliomyelitis	-	-
Leptospirosis	-	-
Para-Typhoid	-	-
Typhoid Fever	-	-
Food Poisoning	3	-
Malaria	-	-

NATIONAL HEALTH SERVICE ACT, 1954

IMMUNISATION AGAINST DIPHTHERIA

The number of persons immunised against Diphtheria in the Urban District during 1970 is as follows :-

Primary immunisations	-	153
Booster injections	-	161

TUBERCULOSIS RETURN FOR 1970

Age Period in Years	<u>NEW CASES</u>				<u>DEATHS</u>			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	-	-	-	-	-	-	-	-
1 - 4 years	-	-	-	-	-	-	-	-
5 - 9 years	-	-	-	-	-	-	-	-
10 - 14 years	-	-	-	-	-	-	-	-
15 - 19 years	-	-	-	-	-	-	-	-
20 - 24 years	-	-	-	-	-	-	-	-
25 - 34 years	-	-	-	-	-	-	-	-
35 - 44 years	-	-	-	-	-	-	-	-
45 - 54 years	-	-	-	-	-	-	-	-
55 - 64 years	-	-	-	-	-	-	-	-
65 - 74 years	-	-	-	-	-	-	-	-
75 and over	-	-	-	-	-	-	-	-
Age Unknown	-	-	-	-	-	-	-	-
Total All Ages	-	-	-	-	-	-	-	-

TREATMENT CENTRE, POOLSBROOK

<u>SCABIES</u>	<u>Adults</u>	<u>5 - 15</u>	<u>Under 5</u>	<u>Total</u>
Bolsover U.D.C.	-	-	-	-
Chesterfield R.D.C.	17	5	6	28
Clay Cross U.D.C.	-	-	-	-
Clowne R.D.C.	5	3	1	9
Dronfield U.D.C.	-	-	-	-
Staveley U.D.C.	8	4	4	16
	<hr/>	<hr/>	<hr/>	<hr/>
	30	12	11	53
	<hr/>	<hr/>	<hr/>	<hr/>

<u>HEAD LICE</u>	<u>Adults</u>	<u>5 - 15</u>	<u>Under 5</u>	<u>Total</u>
Bolsover U.D.C.	-	-	-	-
Chesterfield R.D.C.	-	-	-	-
Clay Cross U.D.C.	-	-	-	-
Clowne R.D.C.	-	-	-	-
Dronfield U.D.C.	-	-	-	-
Staveley U.D.C.	-	-	-	-
	=====	=====	=====	=====
	-	-	-	-
	=====	=====	=====	=====

SCABIES WITH
VERMINOUS HEADS

Bolsover U.D.C.	-	-	-	-
Chesterfield R.D.C.	-	-	-	-
Clay Cross U.D.C.	-	-	-	-
Clowne R.D.C.	-	-	-	-
Dronfield U.D.C.	-	-	-	-
Staveley U.D.C.	-	-	-	-
	=====	=====	=====	=====
	-	-	-	-
	=====	=====	=====	=====

Diagnosis not confirmed	-
Miscellaneous	-
Pediculosis Corporis	-
Pediculosis Publis	-
	=====
	-
	=====

NATIONAL ASSISTANCE ACTS

A number of persons were kept under observation during the year, and efforts made in appropriate directions to assist with their problems. It was not considered necessary in any case to recommend that action should be taken under Section 47 of the National Assistance Act.

Report to Medical Officer of Health on Water Supply to Clay Cross Urban District Council - Year 1970

The supplying authority to the area is the North Derbyshire Water Board.

Press reservoirs provide the major source of supply, being augmented in parts of the area by water from the Ogston Treatment Works. At both works chlorination is practised.

The resultant quality of supplied water has been bacteriologically satisfactory.

The quantity proved adequate for normal household purposes.

Chemical and Bacteriological analyses are carried out in the Board's laboratories. All raw, treated and distributed waters are examined at least monthly, the number of examinations involved in 1970, being :-

Bacteriological	...	...	95
Chemical	...	...	36

Bacteriological results on treated waters have been consistent with standards laid down by the Ministry of Health. Chemical results in view of the number of water sources involved vary considerably with location, and approximate extremes of variation are :-

pH	...	...	...	...	...	...	...	7.4 - 9.0
Alkalinity (CaCO_3)	...	...	...	...	...	...	60 - 80	mg/l
Hardness (CaCO_3)	...	...	...	...	...	...	130 - 160	mg/l
Fluoride (F)	...	...	...	...	...	...	0.2 - 0.8	mg/l
Chloride (Cl)	...	...	...	...	...	...	25 - 41	mg/l

The treated waters in the area have given rise to no concern on the grounds of plumbo solvency, and analyses on the supply water at source, in distribution and after overnight standing in lead service pipes have yielded figures within the recently revised acceptable lead concentration.

The number of houses connected during the year was 67.

No major schemes were undertaken in the area.

2,017 yards of main were laid for housing developments.

Before being brought into service all newly laid mains were washed out, sterilized and samples examined to ensure satisfactory bacteriological and physical results were obtained.

No action was necessary in respect of any other form of post treatment contamination.

/The waters

WATER SUPPLIES (continued)

The waters were monitored to detect any excessive amounts of radioactive substances.

Monthly reports of current bacteriological and physical results were forwarded to the Medical Officer of Health.

SUPPLIES FROM PUBLIC WATER MAINS

1.	Number of houses connected to mains	...	3,456
	Estimated population involved	...	9,872
2.	Number of houses on stand pipes	...	NIL
3.	Number of houses not supplied from mains or standpipes	...	7
	Estimated population involved	...	18

CLAY CROSS AND DISTRICT MOBILE PHYSIOTHERAPY SERVICE

I thank the Honorary Secretary to the Clay Cross and District Mobile Physiotherapy Service for the following report :

The Clay Cross and District Mobile Physiotherapy Service has now come to the end of the second year of work.

During this last year Mrs. Hinde has treated 91 new patients, giving 1,695 treatments. In the year September, 1969, to September, 1970 there were 108 new patients and 1,757 treatments given.

This work has been much appreciated by the patients, most of whom would have been unable to receive physiotherapy treatment in any other way, and also by their relatives.

Great interest is shown locally in the work of the Service and the Committee is extremely grateful to the many organisations who have arranged fund raising efforts. However, continuing rising costs still give the Committee cause for anxiety about the financial position.

COMMON LODGING HOUSES

There are no common lodging houses in the District.

HOUSING

Number of houses inspected for housing defects
(under Public Health or Housing Acts) 92

Number of houses found not to be in all respects fit for
human habitation 31

/Number of houses

Number of houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 4

Number of defective houses rendered fit in consequence of action (formal or informal) by Local Authority 64

Number of houses in respect of which

(a) demolition orders were made NIL
(b) closing orders were made 1

Number of houses included in Clearance Areas 4

Number of houses demolished in pursuance of Demolition or Clearance Orders 14

Only one small area, comprising four houses, was declared and confirmed without modification during the year. The Council are now almost at the end of their Slum Clearance Programme, and it was anticipated that this would be completed no later than 1972.

During the year thirty-eight families were rehoused by the Council from sub-standard properties.

NEW HOUSES

The following new houses were erected during the year :-

(a) Local Authority 34
(b) Private Enterprise 32

RENT ACT, 1957

No action was taken during the year.

IMPROVEMENT GRANTS

The Council declared The Square, Danesmoor, to be a general improvement area, but, unfortunately, due to staffing difficulties, were not able to proceed very far with this Scheme.

Nevertheless, as and when properties became vacant in this area, the Council acquired them by agreement from the owners, with a view to the Council themselves carrying out alterations and improvements.

During the year, seven discretionary grants, and twenty-one standard grants, were approved by the Council.

SANITARY INSPECTION OF THE DISTRICT

The following inspections were made during the year :-

Houses inspected (under Housing and Public Health Acts)	..	..	..	..	92
Visits paid to above houses	..	..	..	..	110
Visits paid in connection with improvement grants	..	..	..	..	56

SANITARY INSPECTION OF THE DISTRICT

(continued)

Drainage	..	..	..	..	..	..	..	..	..	..	..	21
Moveable dwellings	..	..	..	..	..	..	..	..	..	..	..	6
Keeping of Animals	..	..	..	..	..	..	..	..	..	..	..	3
Hairdressers	..	..	..	..	..	..	..	..	..	..	..	3
Inspections under the Pet Animals Act, 1951												2
Enquiries into cases of notifiable disease												4
Atmospheric Pollution	..	..	..	..	..	..	..	..	..	..	..	6
Public Conveniences	..	..	..	..	..	..	..	..	..	..	..	10
Filthy and/or Verminous Premises												2
Miscellaneous Inspections	..	..	..	..	..	..	..	..	..	..	..	12
Offensive Accumulations	..	..	..	..	..	..	..	..	..	..	..	3

PUBLIC CLEANSING

This service is carried out under the supervision of the Council's Engineer and Surveyor.

SEWERAGE AND SEWAGE DISPOSAL

The rebuilding and modernising of the Danesmoor Sewage Works was completed during the year, and this, together with the Sewage Works at Bacon Springs, continued to function satisfactorily.

				<u>Estimated Population involved</u>
Number of houses in district connected to sewer	..	..	..	3,416 9,770
Number of houses in district not connected to sewer	..	..	..	47 110
Number of connections made during the year :-				
(a) existing houses	..	..	..	NIL
(b) new houses	..	..	..	66
(c) other premises	..	..	..	NIL
Number of conversions to waterclosets				NIL

PET ANIMALS ACT, 1951

Two licences under the provisions of the above Act were issued during the year.

PREVENTION OF DAMAGE BY PESTS

The Council employs one part-time rodent operator, who also carries out duties in connection with the control and destruction of other household pests.

Complaints are dealt with promptly, and no difficulties have arisen during the year.

Number of properties inspected for the presence of rats and mice :-

(a) following notification	... ... ...	73
(b) survey under the Act	... ... ...	78

Number of properties inspected found to be infested by :-

(a) Rats	... ... ... ... ... ...	59
(b) Mice	... ... ... ... ... ...	39

Number of properties treated by the Local Authority 68

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

Only one licence was issued under the above-mentioned Act; the premises being used for the boarding of cats.

PETROLEUM (REGULATION) ACTS, 1928 and 1936

Fourteen premises were licenced for the storage of petroleum during the year, the total amount of petroleum stored being 36,070 gallons. One licence in respect of carbide of calcium, for 30 tons, was issued during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The following tables show the number of premises, persons employed and inspections in connection with the above Act, as at 31st December, 1970 :-

Class of Premises	No. of Premises Registered during 1970	Total No. of Registered Premises at end of 1970	No. of Registered Premises receiving a general inspection during 1970
Offices	NIL	8	4
Retail Shops	NIL	45	12
Wholesale Shops, Warehouses	NIL	3	2
Catering Establishments open to the public, canteens	NIL	3	3
Fuel storage depots ..	NIL	1	1

The total number of visits of all kinds made to registered premises during the year was thirty-four.

ANALYSIS OF PERSONS EMPLOYED

Class of Premises	No. of Persons Employed
Offices	60
Retail Shops	170
Wholesale Shops, Warehouses ...	20
Catering Establishments open to the Public	6
Canteens	-
Fuel Storage Depots	4
TOTAL	260

TOTAL :- Males 86 Females 174

INSPECTION OF MEAT AND OTHER FOODS

SUMMARY OF ANIMALS SLAUGHTERED AND INCIDENCE OF DISEASE FOUND

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	193	-	-	417	-	-
Number inspected	193	-	-	417	-	-
<u>ALL DISEASES EXCEPT TUBERCULOSIS & CYSTICERCI</u>						
Whole carcases condemned ...	-	-	-	-	-	-
Carcases in which some part or organ was condemned ...	17	-	-	1	-	-
Percentage of the number inspected affected with disease other than Tuberculosis & Cysticerci ...	8.8	-	-	-	-	-
<u>TUBERCULOSIS ONLY</u>						
Whole carcases condemned ...	-	-	-	-	-	-
Carcases in which some part or organ was condemned ...	-	-	-	-	-	-
Percentage of the number inspected affected with Tuberculosis	-	-	-	-	-	-
<u>CYSTICERCOSIS</u>						
Carcases of which some part or organ was condemned ...	-	-	-	-	-	-
Carcases submitted to treatment by refrigeration ...	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

MEAT INSPECTION

There is only one small private slaughterhouse registered in the District, where the owner slaughters animals for his own butcher's business. A 100% post mortem inspection has been maintained, necessitating sixty visits to the slaughterhouse during the year. The premises are well maintained, and no problems have arisen during the year. No serious defects or contraventions of the various Acts and Regulations were notified.

INSPECTION OF OTHER FOODS

The following other foods were voluntarily surrendered on being found to be unfit for human consumption :-

Canned Foods :-

Tomatoes	...	...	...	92 lbs.	(176 tins)
Fruit	...	...	...	54 lbs.	(44 tins)
Meat (tinned)	...	...	...	18 lbs.	(15 tins)
Other Meats	...	...	...	56 lbs.	
Fish (tinned)	...	...	...	4 lbs.	(8 tins)
Other Fish	...	...	...	40 lbs.	

In addition, a considerable amount of ice-cream and other frozen foods were voluntarily surrendered and destroyed, following the failure of frozen food cabinets at three stores within the district.

FOOD HYGIENE (GENERAL) REGULATIONS, 1960

Type of Premises	No. No.	No. Complying with Reg. 16	No. to which Reg. 19 Applies	No. Complying with Reg. 19
Bakehouses	1	1	1	1
Butchers	9	9	8	8
Cafes & Restaurants	4	4	4	4
Canteens	4	4	4	3
Ice Cream Manufacturers	1	1	1	1
Grocers	23	20	14	12
Fried Fish Shops	7	7	7	7
Wet Fish Shops	2	2	2	2
Preserved Food Premises ...	4	3	3	3
Confectioners	2	2	2	2
Fruiterers	3	2	3	1
Other Food Premises	25	19	-	-
Licenced Premises	22	22	22	22

FACTORIES

I give, as an appendix to this report, the prescribed particulars on the administration of the Factories Act, 1961.

PART I OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1,2,3,4, and 6, are enforced by Local Authority	2	3	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	37	18	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	4	5	-	-
TOTAL	43	26	-	-

2. Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found					Number of cases in which prosecutions were instituted (6)	
	Found (2)	Remedied (3)	Referred				
	To H.M. Inspector (4)	By H.M. Inspector (5)					
Want of cleanliness (S.1.)	-	-	-	-	-	-	
Overcrowding (S.2.)	-	-	-	-	-	-	
Unreasonable temperature (S.3.)	-	-	-	-	-	-	
Inadequate ventilation (S.4.)	-	-	-	-	-	-	
Ineffective drainage of floors (S.6.)	-	-	-	-	-	-	
Sanitary Conveniences (S.7.)	-	-	-	-	-	-	
(a) Insufficient ...	1	-	-	-	1	-	
(b) Unsuitable or defective ...	-	-	-	-	-	-	
(c) Not separate for sexes ...	-	-	-	-	-	-	
Other offences against the Act (not including offences relating to outwork) ...	-	-	-	-	-	-	
TOTAL	1	-	-	-	1	-	

PART VIII OF THE ACT - OUTWORK - (Sections 133 & 134)

Nature of work (1)	No. of out-workers in Aug. list reqd. by Section 133 (1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices Served (6)	Prosecutions (7)
Wearing apparel Making, etc	2	-	-	-	-	-
The Making of Boxes &c	-	-	-	-	-	-

